

Datasheet: PBP033

Description:	RECOMBINANT BOVINE INTERLEUKIN-1RA
Name:	IL-1RA
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	5 µg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			
Western Blotting	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Bovine
Product Form	Purified recombinant protein - lyophilized
Reconstitution	Reconstitute with 20 µl sterile PBS containing 0.1% carrier protein Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
Preparation	Recombinant protein expressed in <i>Pichia pastoris</i> and purified by ion-exchange chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	10% Trehalose
External Database Links	UniProt: O77482 Related reagents Entrez Gene: 281860 IL1RN Related reagents

Product Information **Recombinant Bovine interleukin-1RA** (IL-1RA) is a recombinant protein corresponding to aa 24-174 of native bovine IL-1RA.

Bovine IL-1RA belongs to the IL-1 cytokine family and is secreted by several cell types, including

epithelial cells and adipocytes. IL-1RA inhibits the pro-inflammatory effects of both IL-1 α and IL-1 β .

Protein Molecular Weight	17.2 kDa
Purity	>95% by SDS PAGE analysis
ELISA	This reagent may be used as a standard in a sandwich ELISA assay in conjunction with AHP2378 as a coating antibody and AHP2378B as a detection antibody.
Storage	Prior to reconstitution store at -20°C. After reconstitution store at -20°C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein.
Shelf Life	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10591 available at: 10591: https://www.bio-rad-antibodies.com/uploads/MSDS/10591.pdf
Regulatory	For research purposes only

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